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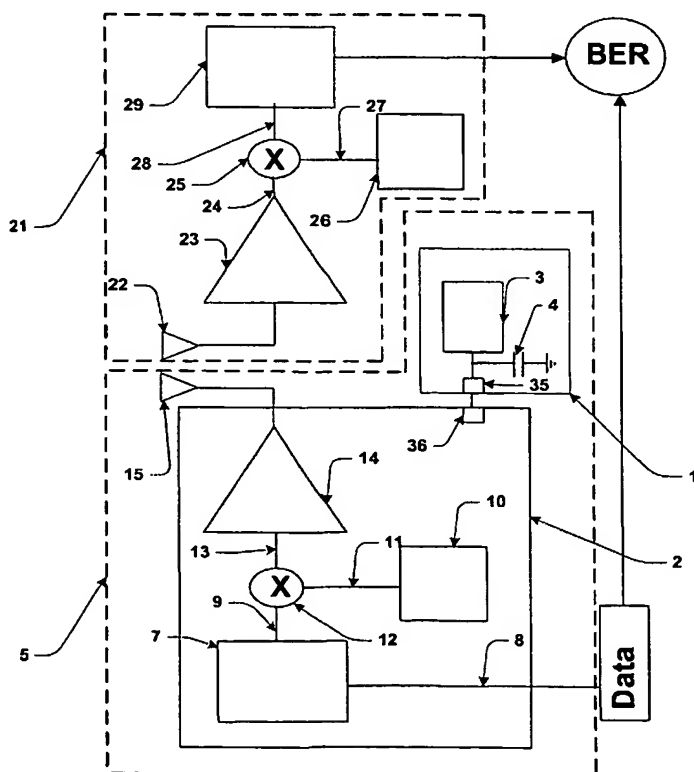
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(54) Title: A POWER SUPPLY FOR A COMMUNICATIONS MODULE THAT DEMANDS HIGH POWER DURING PREDETERMINED PERIODS



(57) Abstract: A power supply (1) is provided for a communications module, in the form of a cellular telephone GPRS module (2). This module demands high power during predetermined periods. Supply (1) includes a battery module (3) for providing module (2) with a supply voltage that, in this embodiment, is about 3.6 Volts. During the predetermined periods, module (3) provides a first current at a first voltage that is less than the supply voltage. A supercapacitive device, in the form of a single supercapacitor (4), is connected in parallel with module (3) for providing module (2) with, a second current during the predetermined periods such that first voltage is maintained above about 90 % of the supply voltage. That is, the first voltage is maintained above about 3.24 Volts.

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